

DEGREE PROGRAM TITLE: AVIATION MAINTENANCE TECHNOLOGY

AFSC(S): 2A3X3, Tactical Aircraft Maintenance
2A5X1, Aerospace Maintenance
2A5X2, Helicopter/Tiltrotor Maintenance
2A6X1, Aerospace Propulsion
2A6X3, Aircrew Egress Systems
2A6X4, Aircraft Fuel Systems
2A6X5, Aircraft Hydraulic Systems
2A6X6, Aircraft Electrical and Environmental Systems

PROGRAM GOAL: The goal of the **CCAF Aviation Maintenance Degree Program** is to provide graduates quality academic, technical and hands-on training on a variety of aircraft and aircraft systems. The program prepares graduates to apply the practical skills and knowledge required for employment in the aviation industry, providing safe, serviceable and quality aviation maintenance. The program is designed to develop effective leaders of our most valued resource—our people—and cultivate managers of complex systems, processes, and technologies essential to the Air Force and our Nation.

LEARNING OUTCOMES: Upon completion of this program students will be able to:

1. Plan, organize and direct aircraft systems maintenance activities.
2. Troubleshoot and maintain aircraft systems, components, and related equipment.
3. Remove, install, modify and repair aircraft components and conduct functional tests of components and systems.
4. Use schematic and technical publications to advise on and solve component installation, maintenance and repair problems.
5. Diagnose aircraft malfunctions and recommend corrective action.
6. Interpret and implement maintenance directives and publications applying environmentally safe maintenance practices.